

09895347, 062901

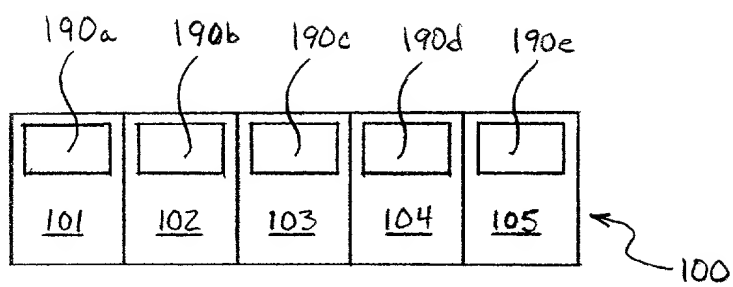


FIG. 1
(PRIOR ART)

0909347.03901
FO6290/4E56860

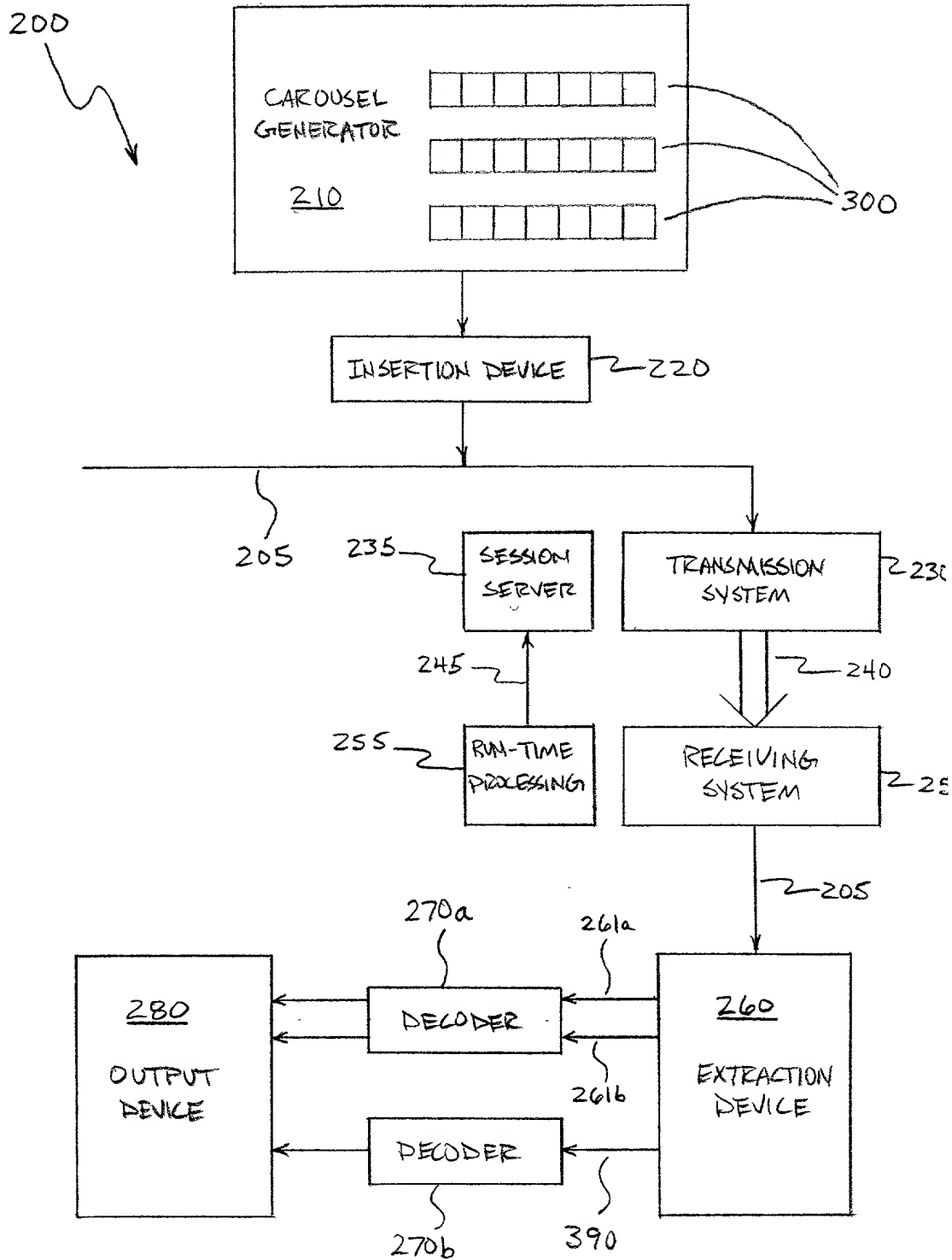


FIG. 2

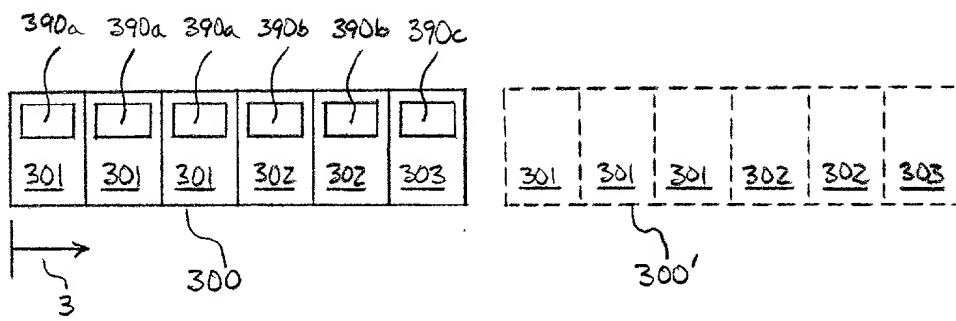


FIG. 3

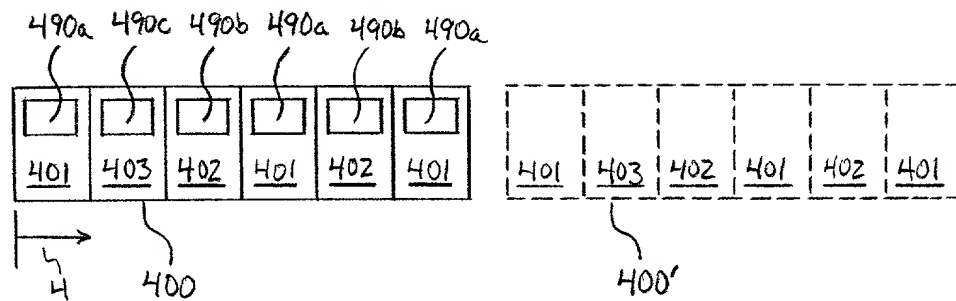


FIG. 4

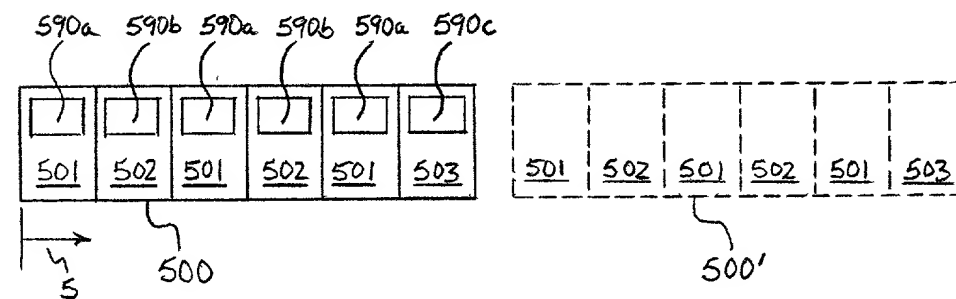
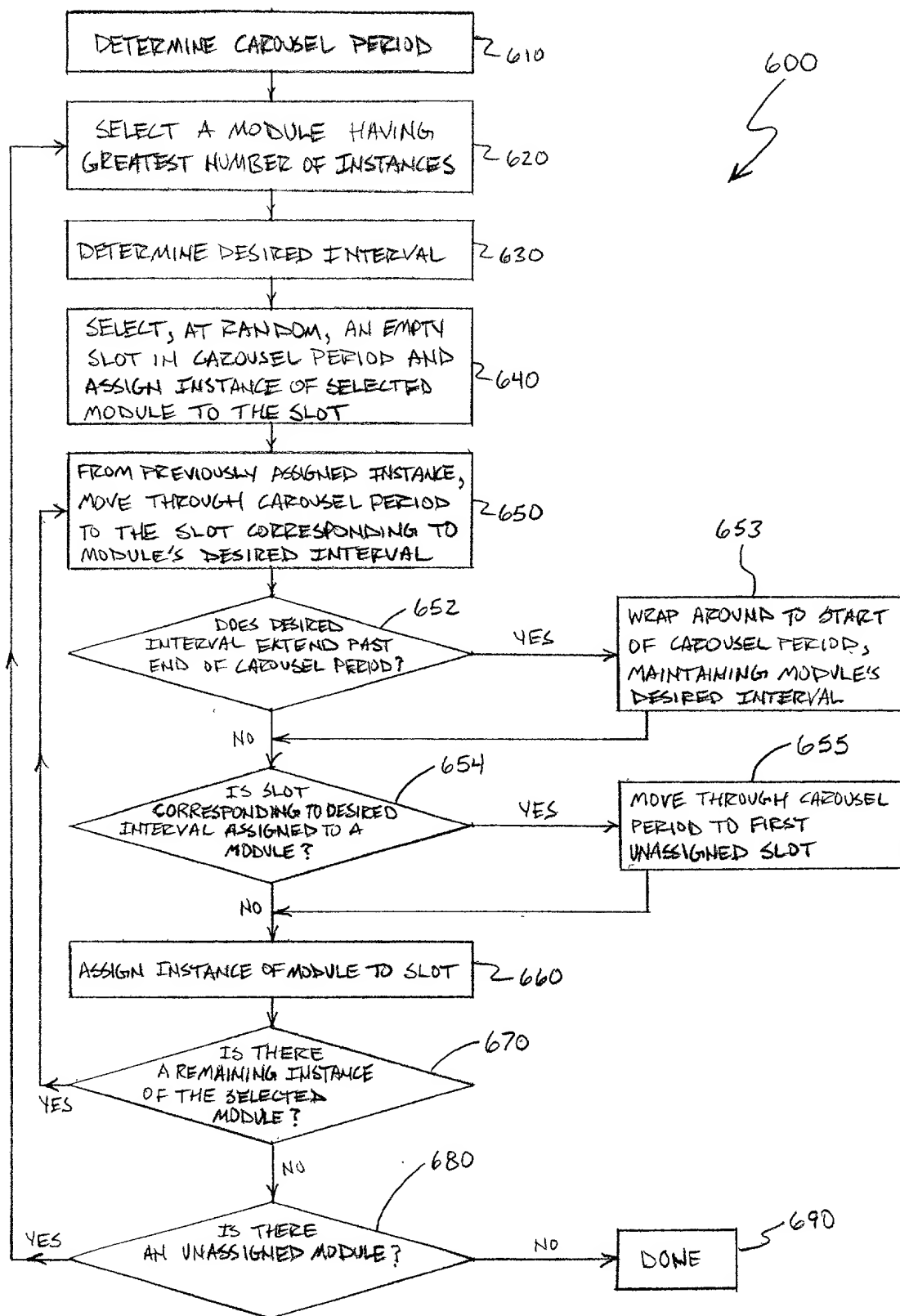


FIG. 5



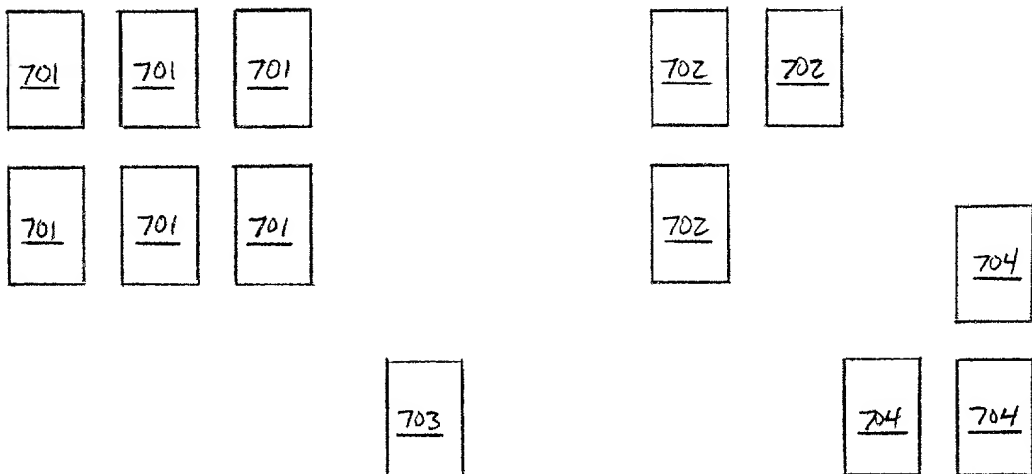


FIG. 7A

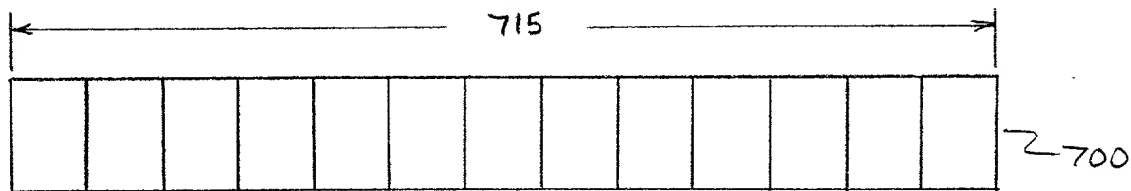


FIG. 7B

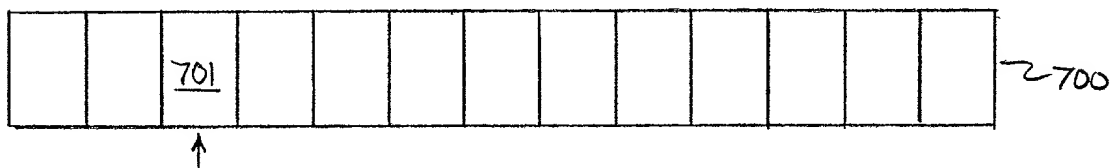


FIG. 7C

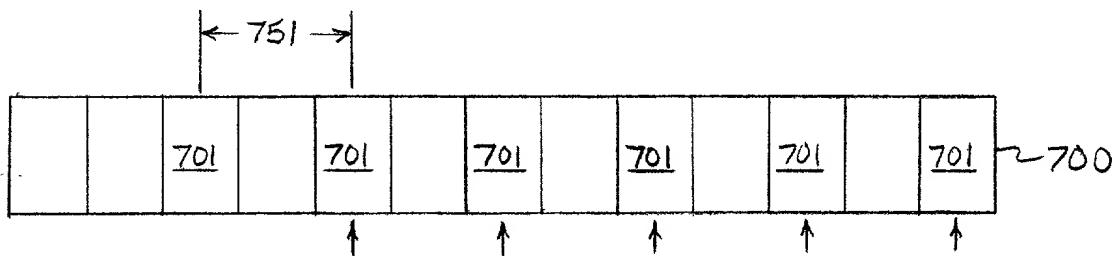


FIG. 7D

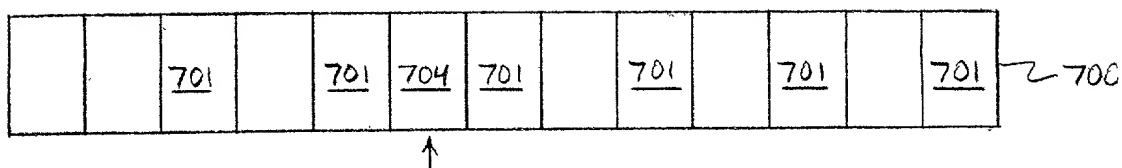


FIG. 7E

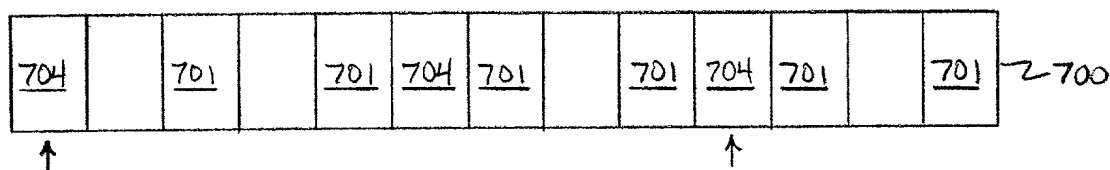


FIG. 7F

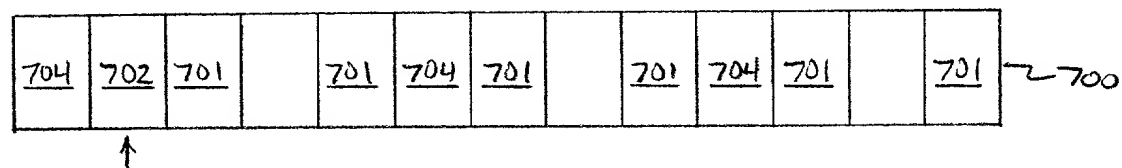


FIG. 7G

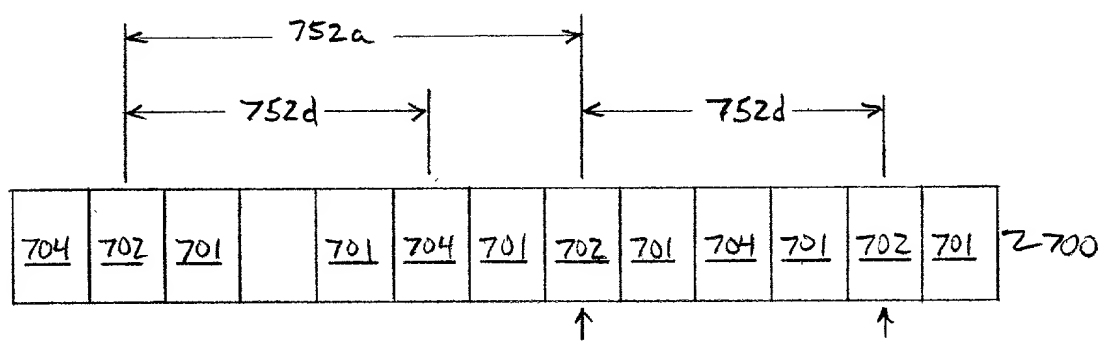


FIG. 7H

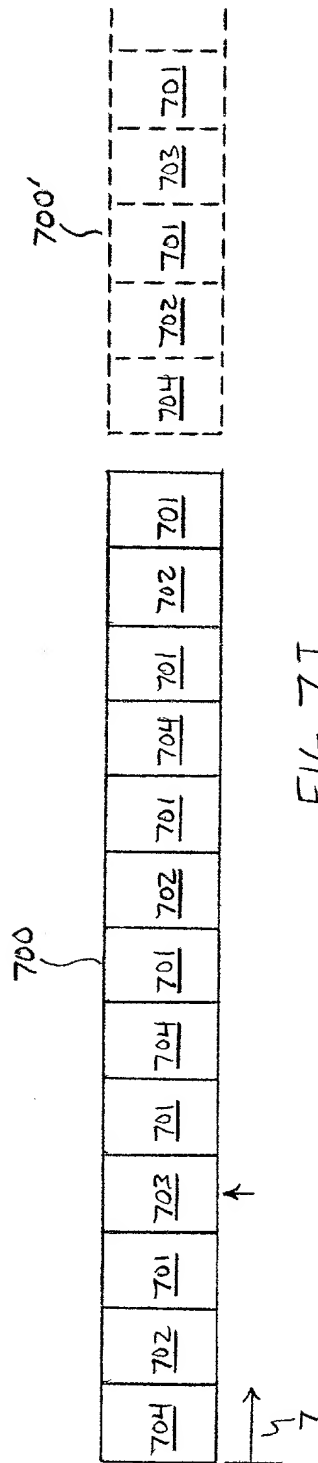


FIG. 7I

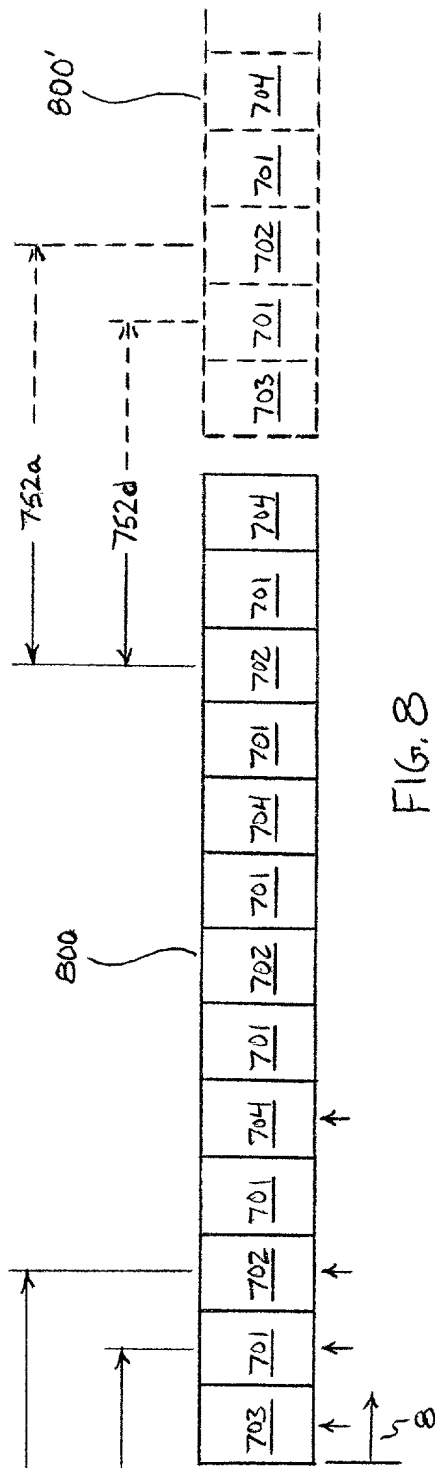


FIG. 8

Parameter	Unit	Value	Standard Error	t-value	p-value
Intercept		1.000	0.000	1.000	0.000
Age	Year	0.000	0.000	0.000	0.000
Gender		0.000	0.000	0.000	0.000
Marital Status		0.000	0.000	0.000	0.000
Education	Year	0.000	0.000	0.000	0.000
Income	Year	0.000	0.000	0.000	0.000
Health		0.000	0.000	0.000	0.000
Religion		0.000	0.000	0.000	0.000
Occupation		0.000	0.000	0.000	0.000
Residence		0.000	0.000	0.000	0.000
Time	Year	0.000	0.000	0.000	0.000
Time Squared	Year	0.000	0.000	0.000	0.000
Time Cubed	Year	0.000	0.000	0.000	0.000
Time Quart	Year	0.000	0.000	0.000	0.000
Time Quint	Year	0.000	0.000	0.000	0.000
Time Sext	Year	0.000	0.000	0.000	0.000
Time Sept	Year	0.000	0.000	0.000	0.000
Time Oct	Year	0.000	0.000	0.000	0.000
Time Eleventh	Year	0.000	0.000	0.000	0.000
Time Twelfth	Year	0.000	0.000	0.000	0.000
Time Thirteenth	Year	0.000	0.000	0.000	0.000
Time Fourteenth	Year	0.000	0.000	0.000	0.000
Time Fifteenth	Year	0.000	0.000	0.000	0.000
Time Sixteenth	Year	0.000	0.000	0.000	0.000
Time Seventeenth	Year	0.000	0.000	0.000	0.000
Time Eighteenth	Year	0.000	0.000	0.000	0.000
Time Nineteenth	Year	0.000	0.000	0.000	0.000
Time Twentieth	Year	0.000	0.000	0.000	0.000
Time Twenty-first	Year	0.000	0.000	0.000	0.000
Time Twenty-second	Year	0.000	0.000	0.000	0.000
Time Twenty-third	Year	0.000	0.000	0.000	0.000
Time Twenty-fourth	Year	0.000	0.000	0.000	0.000
Time Twenty-fifth	Year	0.000	0.000	0.000	0.000
Time Twenty-sixth	Year	0.000	0.000	0.000	0.000
Time Twenty-seventh	Year	0.000	0.000	0.000	0.000
Time Twenty-eighth	Year	0.000	0.000	0.000	0.000
Time Twenty-ninth	Year	0.000	0.000	0.000	0.000
Time Thirtieth	Year	0.000	0.000	0.000	0.000
Time Thirty-first	Year	0.000	0.000	0.000	0.000
Time Thirty-second	Year	0.000	0.000	0.000	0.000
Time Thirty-third	Year	0.000	0.000	0.000	0.000
Time Thirty-fourth	Year	0.000	0.000	0.000	0.000
Time Thirty-fifth	Year	0.000	0.000	0.000	0.000
Time Thirty-sixth	Year	0.000	0.000	0.000	0.000
Time Thirty-seventh	Year	0.000	0.000	0.000	0.000
Time Thirty-eighth	Year	0.000	0.000	0.000	0.000
Time Thirty-ninth	Year	0.000	0.000	0.000	0.000
Time Fortieth	Year	0.000	0.000	0.000	0.000
Time Forty-first	Year	0.000	0.000	0.000	0.000
Time Forty-second	Year	0.000	0.000	0.000	0.000
Time Forty-third	Year	0.000	0.000	0.000	0.000
Time Forty-fourth	Year	0.000	0.000	0.000	0.000
Time Forty-fifth	Year	0.000	0.000	0.000	0.000
Time Forty-sixth	Year	0.000	0.000	0.000	0.000
Time Forty-seventh	Year	0.000	0.000	0.000	0.000
Time Forty-eighth	Year	0.000	0.000	0.000	0.000
Time Forty-ninth	Year	0.000	0.000	0.000	0.000
Time Fiftieth	Year	0.000	0.000	0.000	0.000
Time Fifty-first	Year	0.000	0.000	0.000	0.000
Time Fifty-second	Year	0.000	0.000	0.000	0.000
Time Fifty-third	Year				

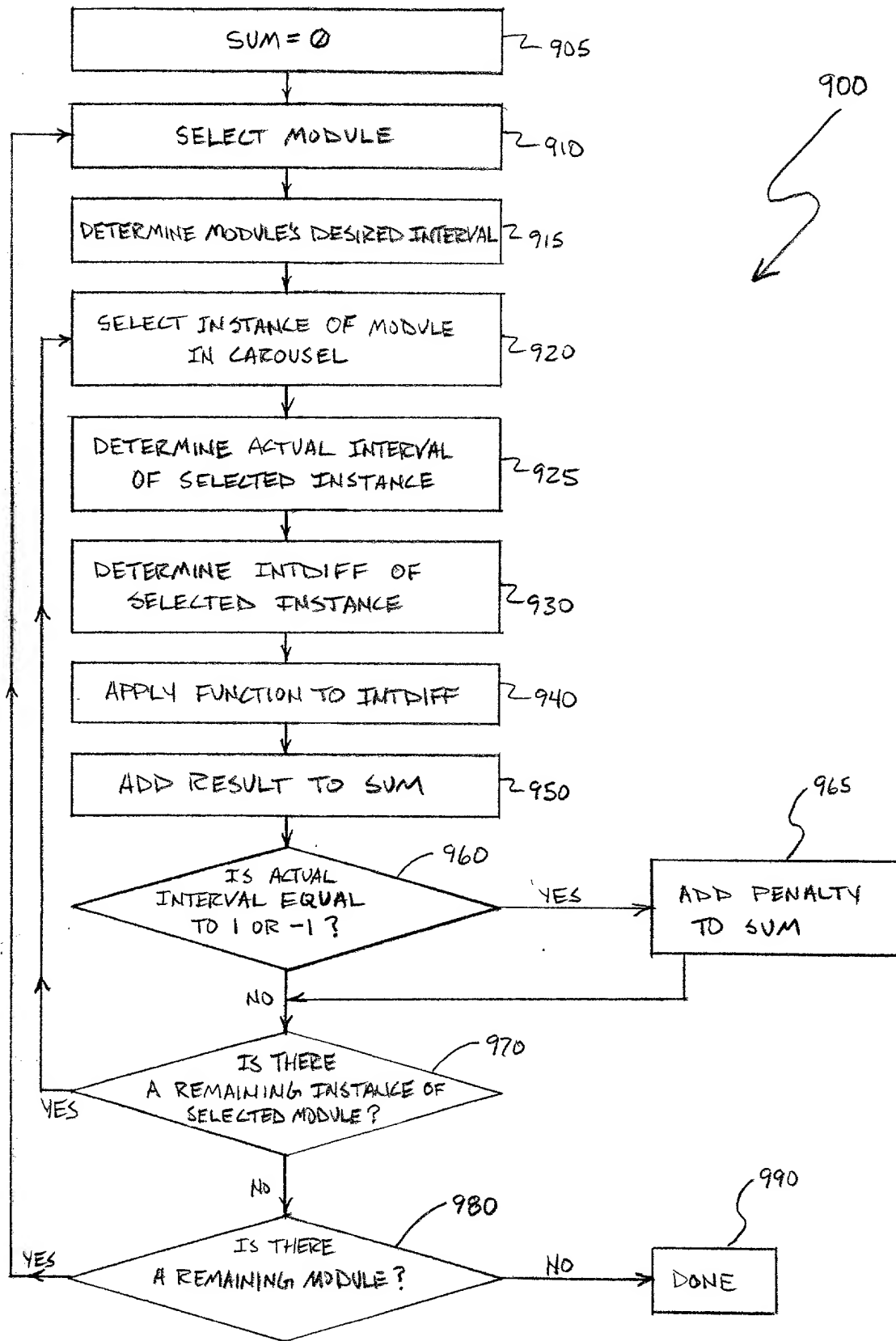


FIG. 9

1000

MODULE	INSTANCE	DESIRED INTERVAL	ACTUAL INTERVAL	INTDIFF	RESULT	PENALTY	SUM
701	1st	2	3	1	0.3	0	0.3
701	2nd	2	2	0	0	0	0.3
701	3rd	2	2	0	0	0	0.3
701	4th	2	2	0	0	0	0.3
701	5th	2	2	0	0	0	0.3
701	6th	2	2	0	0	0	0.3
702	1st	4	3	-1	0.3	0	0.6
702	2nd	4	6	2	0.7	0	1.3
702	3rd	4	4	0	0	0	1.3
703	1st	13	13	0	0	0	1.3
704	1st	4	5	1	0.3	0	1.6
704	2nd	4	4	0	0	0	1.6
704	3rd	4	4	0	0	0	1.6

1010 1020 1030 1040 1050 1060 1070 1080 1085

FIG. 10

1100

MODULE	INSTANCE	DESIRED INTERVAL	ACTUAL INTERVAL	INTDIFF	RESULT	PENALTY	SUM
701	1st	2	3	1	0.3	0	0.3
701	2nd	2	2	0	0	0	0.3
701	3rd	2	2	0	0	0	0.3
701	4th	2	2	0	0	0	0.3
701	5th	2	2	0	0	0	0.3
701	6th	2	2	0	0	0	0.3
702	1st	4	5	1	0.3	0	0.6
702	2nd	4	4	0	0	0	0.6
702	3rd	4	4	0	0	0	0.6
703	1st	13	13	0	0	0	0.6
704	1st	4	5	1	0.3	0	0.9
704	2nd	4	4	0	0	0	0.9
704	3rd	4	4	0	0	0	0.9

1110 1120 1130 1140 1150 1160 1170 1180 1185

FIG. 11

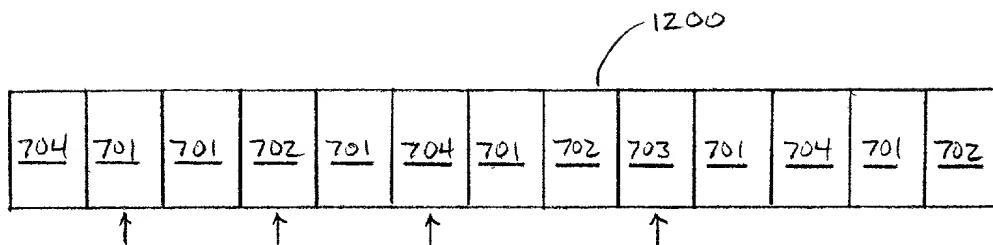


FIG. 12

1300

MODULE	INSTANCE	DESIRED INTERVAL	ACTUAL INTERVAL	INTDIFF	RESULT	PENALTY	SUM
701	1 st	2	3	1	0.3	0	0.3
701	2 nd	2	1	-1	0.3	5.0	5.6
701	3 rd	2	2	0	0	0	5.6
701	4 th	2	2	0	0	0	5.6
701	5 th	2	3	1	0.3	0	5.9
701	6 th	2	2	0	0	0	5.9
702	1 st	4	4	0	0	0	5.9
702	2 nd	4	4	0	0	0	5.9
702	3 rd	4	5	1	0.3	0	6.2
703	1 st	13	13	0	0	0	6.2
704	1 st	4	5	1	0.3	0	6.5
704	2 nd	4	5	1	0.3	0	6.8
704	3 rd	4	3	-1	0.3	0	7.1

1310 1320 1330 1340 1350 1360 1370 1380
 1385

FIG. 13

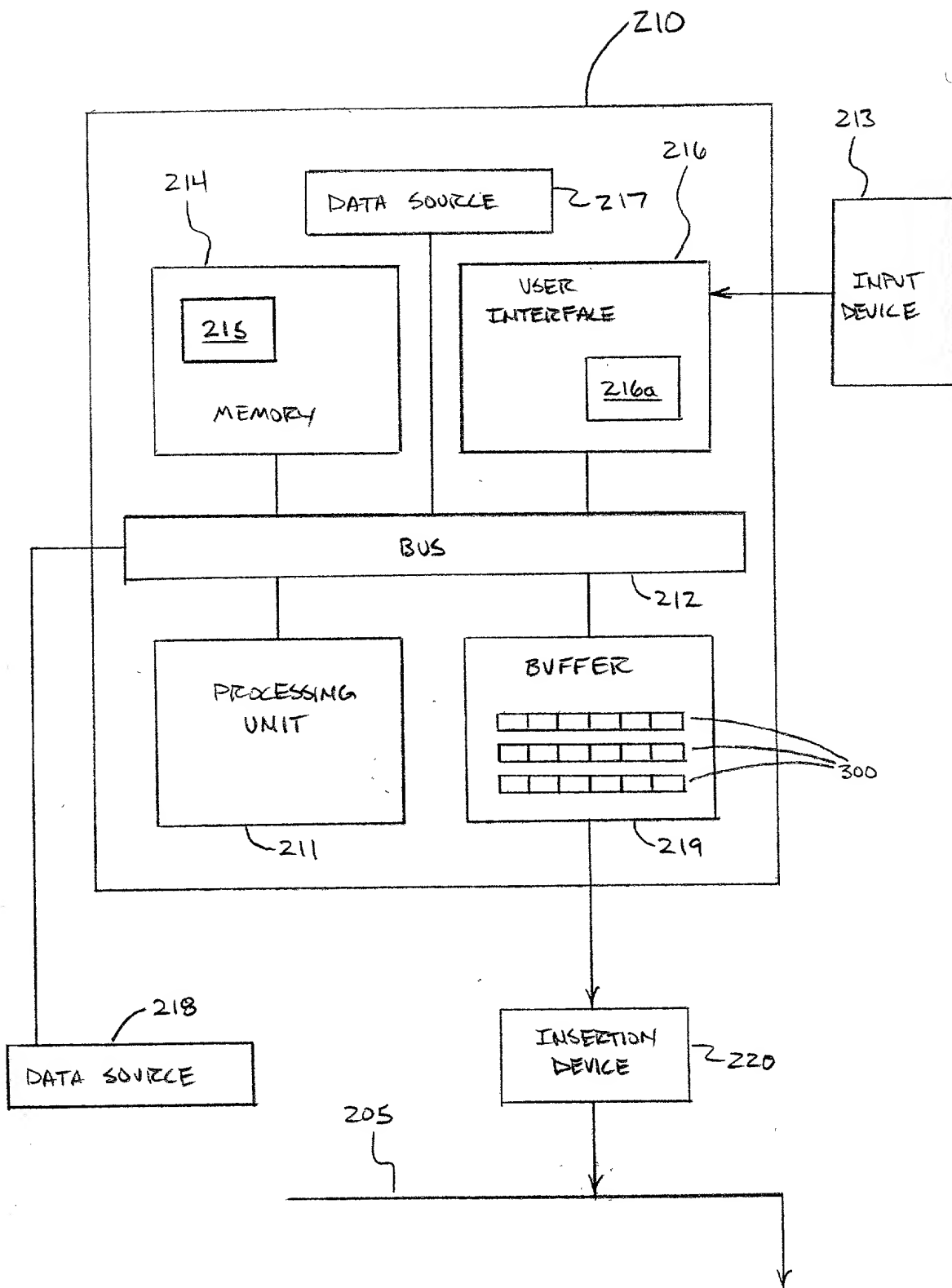


FIG. 14

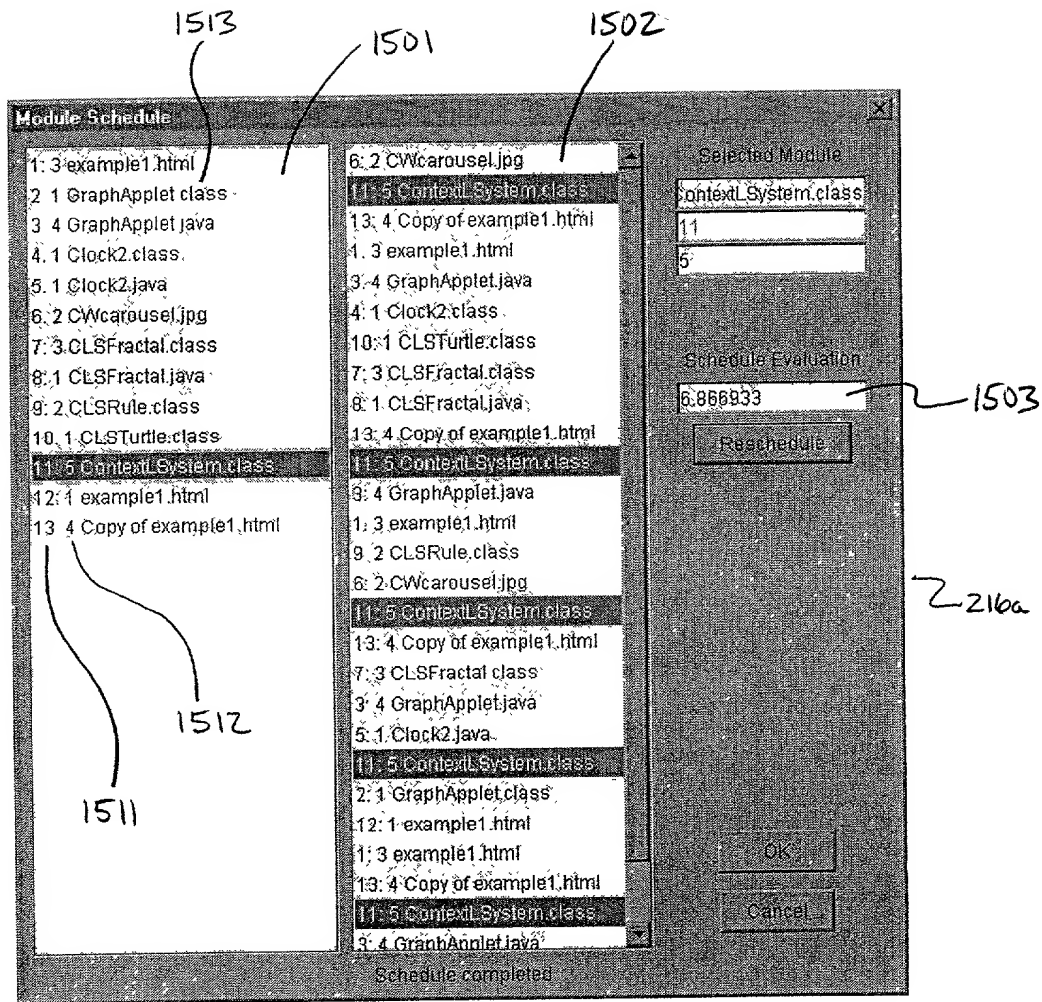


FIG. 15